

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU056997.D
 Acq On : 18 Dec 2023 16:44
 Operator : MD/SY
 Sample : 05810-07DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 01:41:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 01:20:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

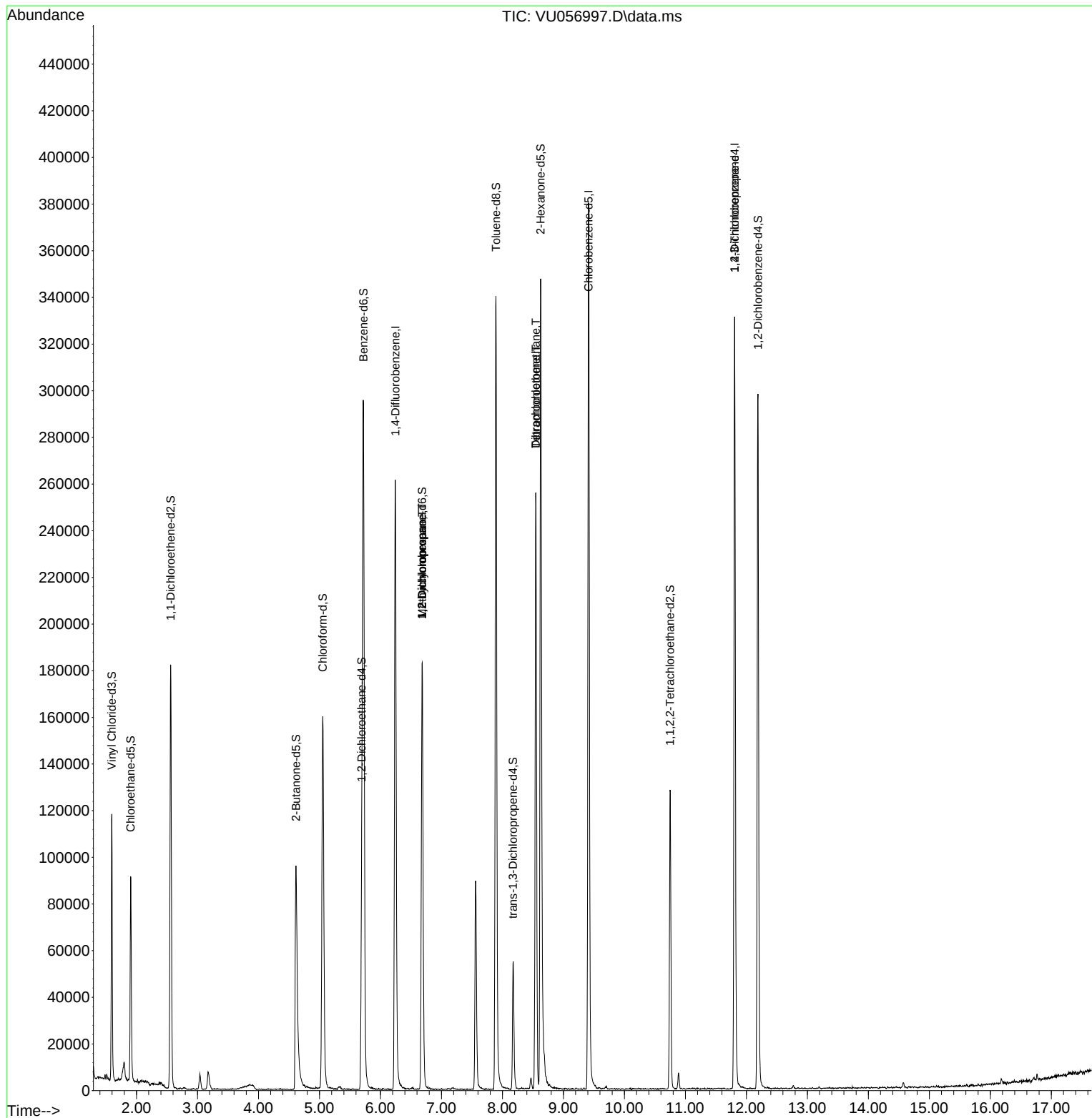
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	213782	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	219682	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	90706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	80065	4.369	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.904	69	65435	4.772	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.560	65	34598	4.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.615	46	139491	38.546	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.100%
24) Chloroform-d	5.055	84	151139	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.692	65	72516	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.721	84	285822	4.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.682	67	89522	4.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.894	98	236192	3.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.174	79	32720	3.956	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.627	63	118165	37.881	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	63827	4.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	79112	4.437	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	21243	0.680	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10169	0.515	ug/L #	89
47) Tetrachloroethene	8.547	164	54558	3.681	ug/L	97
49) Dibromochloromethane	8.547	129	56581	3.687	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	10775	1.106	ug/L #	69

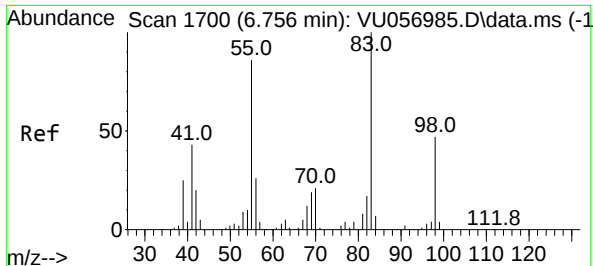
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 19 01:20:32 2023
Response via : Initial Calibration

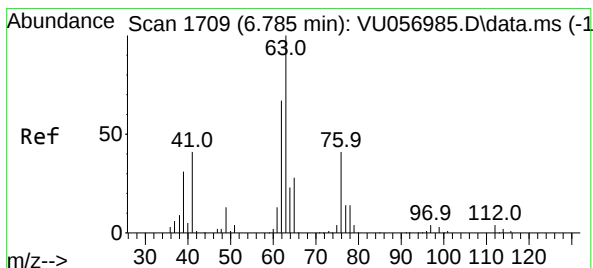
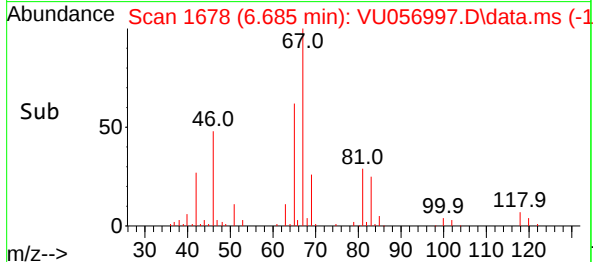
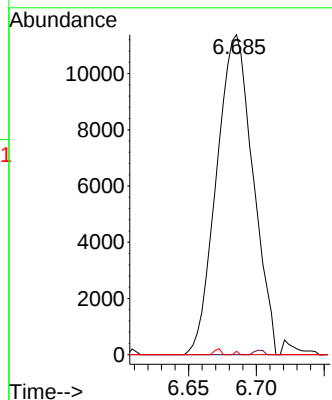
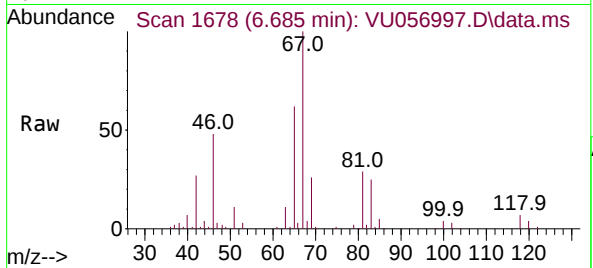




#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056997.D
Acq: 18 Dec 2023 16:44

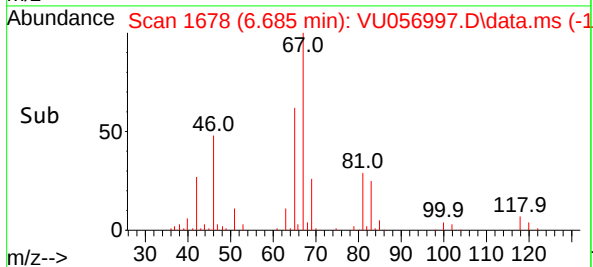
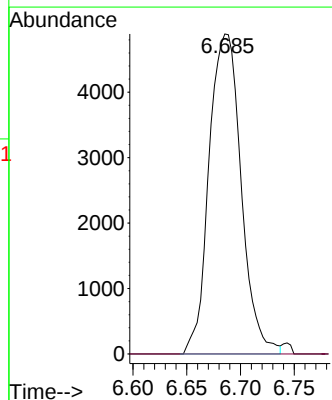
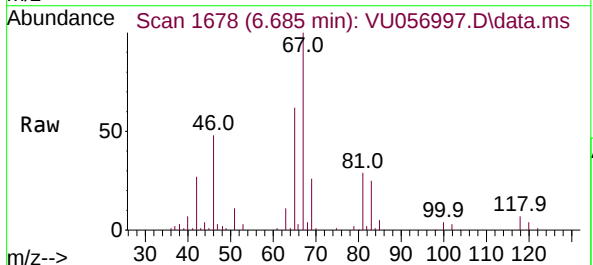
Instrument :
MSVOA_U
ClientSampleId :

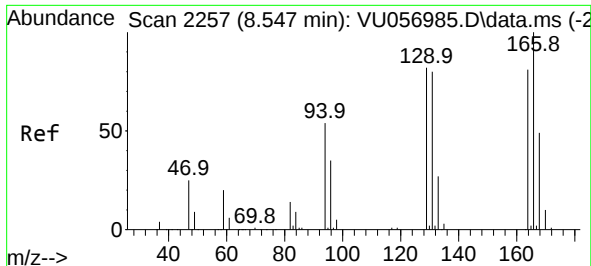
Tgt Ion: 83 Resp: 21243
Ion Ratio Lower Upper
83 100
55 0.4 64.6 97.0#
98 0.1 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056997.D
Acq: 18 Dec 2023 16:44

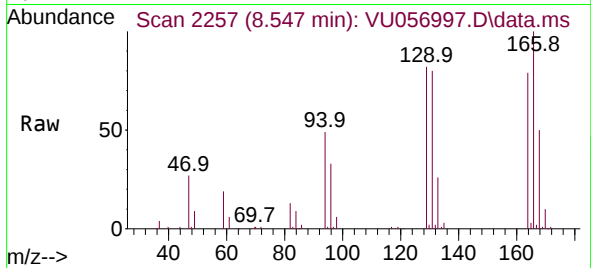
Tgt Ion: 63 Resp: 10169
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



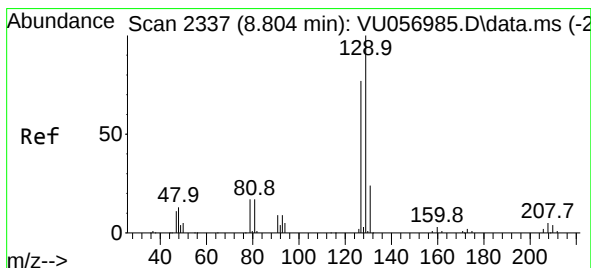
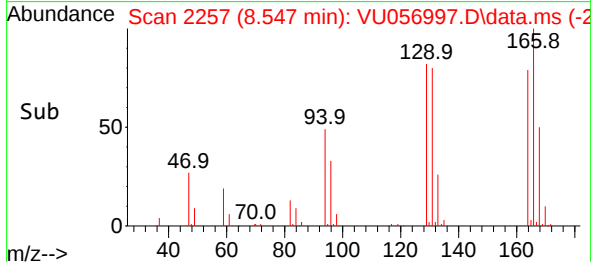
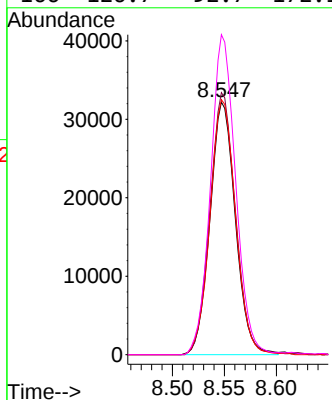


#47
Tetrachloroethene
Concen: 3.681 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU056997.D
Acq: 18 Dec 2023 16:44

Instrument :
MSVOA_U
ClientSampleId :

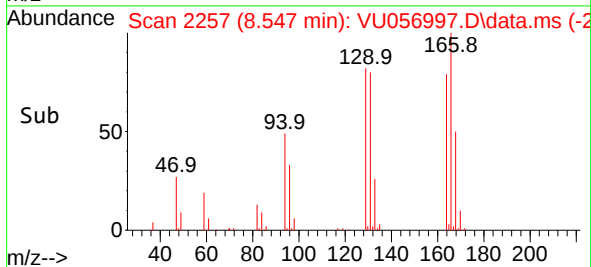
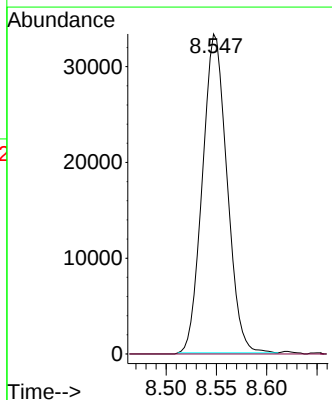
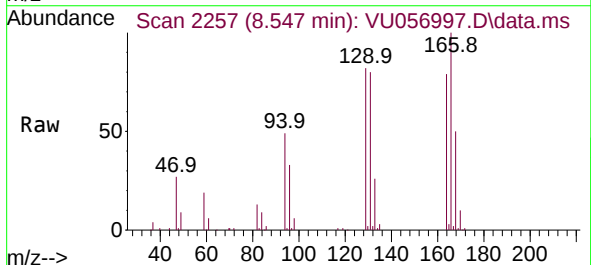


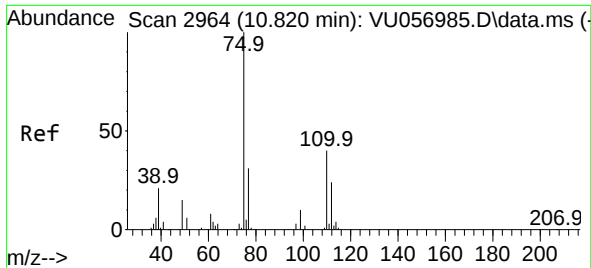
Tgt	Ion:164	Resp:	54558
Ion	Ratio	Lower	Upper
164	100		
129	103.8	73.4	136.4
131	100.9	71.5	132.9
166	126.7	92.7	172.1



#49
Dibromochloromethane
Concen: 3.687 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056997.D
Acq: 18 Dec 2023 16:44

Tgt Ion:129	Resp: 56581
Ion Ratio	Lower Upper
129 100	
127 0.0	53.9 100.1#





#61

1,2,3-Trichloropropane

Concen: 1.106 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.987 min

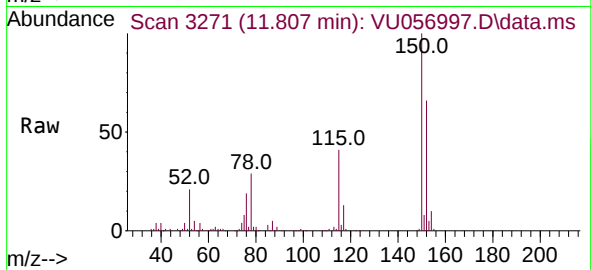
Lab File: VU056997.D

Acq: 18 Dec 2023 16:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 10775

Ion Ratio Lower Upper

75 100

110 0.9 28.4 42.6#

77 33.6 26.3 39.5

